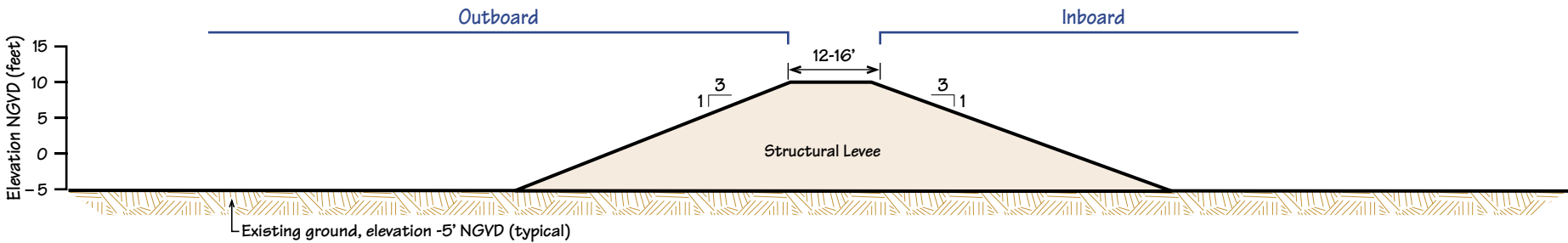


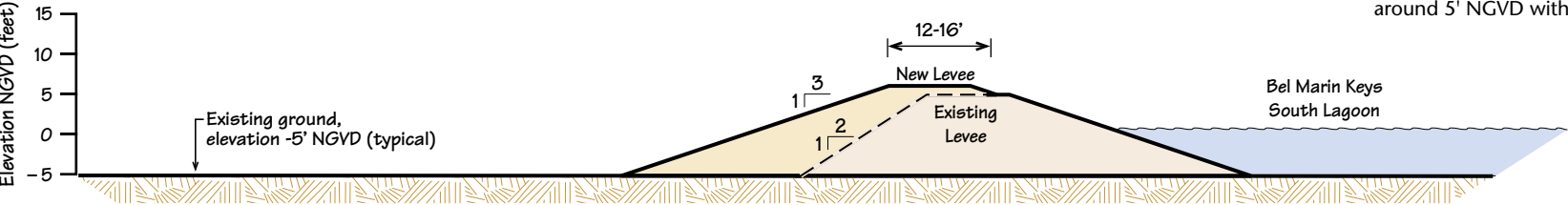
New Levee Structure

100-year tide ~ 6.5' NGVD ^a
MHHW ~ 3.0 to 4.0' NGVD
2 foot settlement to design height of 8' NGVD

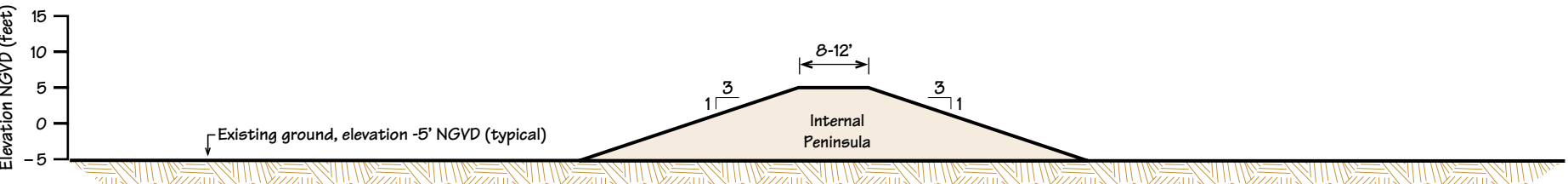


Improved Levee Structure

1 foot settlement to design height of 5' NGVD
Existing BMK South Lagoon levee is mostly at elevations around 5' NGVD with several low points around 2-3' NGVD.



Internal Peninsulas



Novato Sanitary District Access Berm ^{b, c, d}

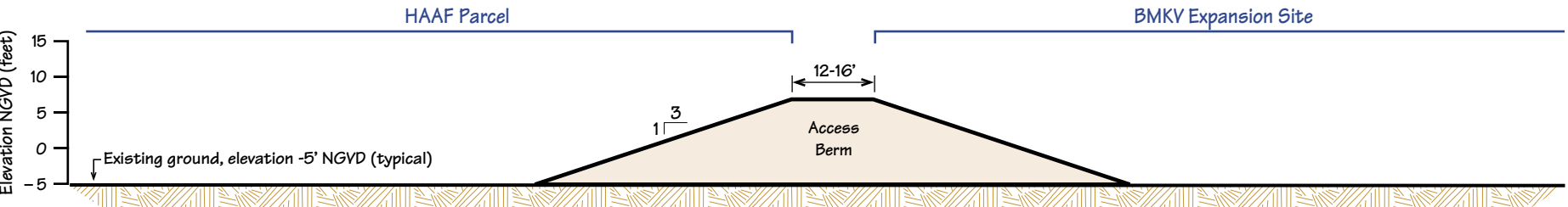


Figure 3-13
Typical New and Improved
Levee Cross Sections –
Revised Alternative 2

Notes:

- ^a The 100-year tide is based on an estimate of 6.5 feet NGVD by the USACE (1984). For design purposes, this has been adjusted upward to 7 feet to account for the effects of a number of factors: mean sea level rise; wind-induced set-up within San Pablo Bay; wave runup on the adjacent mudflat; flood runoff from the Sacramento-San Joaquin Delta; and uncertainties in the estimation methods (U.S. Army Corps of Engineers 1998).
- ^b Under Revised Alternative 2, access will be provided by the new levee constructed along the southern perimeter of the seasonal wetland habitat area and the access berm.
- ^c Under Alternative 3, an intertidal bench will be constructed along the northern side of the access berm adjacent to the BMKV Expansion Site.
- ^d The height of the access berm would be between 4 and 6 feet. Under Revised Alternative 2, the portion of the access berm adjacent to the seasonal wetland area at BMKV will be 7 feet.